

WHAT IS CLAIMED IS:

1. A collapsible treadmill capable of being automatically secured to a collapsed position, said treadmill comprising:

5 a base;

a treadbase pivotably mounted on said base to pivot relatively to said base between an operative position and the collapsed position;

a damper having a cylinder and a bar, said cylinder defining a first pivot end and a distal end at two ends thereof and provided with a cylindrical hole inside, said
10 cylindrical hole defining an opening at a free end thereof, said bar defining an interior end for inserted into said cylindrical hole and an exterior end for extending out of said opening of said cylinder at two ends thereof, whereby said bar reciprocates along said cylindrical hole, said cylinder being pivotably mounted to said base at the first pivot end thereof, said bar being pivotably mounted to said treadbase at the exterior end thereof;

15 a sleeve fitted onto said cylinder to reciprocate along the cylinder, an end of said sleeve and the exterior end of said bar being coaxially pivotably mounted to said treadbase respectively, whereby said treadbase drives said sleeve to reciprocate relatively to said cylinder while said treadbase pivots relatively to said base, said sleeve having a stop slot thereon coinciding with a position corresponding to the distal end of
20 said cylinder while said treadbase is at the collapsed position;

a locking member pivotably mounted on said sleeve and having a stop lug to be inserted into said stop slot; and

a biasing member for providing a resilience to keep said stop lug of said locking member inserted into said stop slot and engaging against an outer periphery of
25 said cylinder while said treadbase is not at the collapsed position and to push said

locking member to enable said stop lug to engage against the distal end of said cylinder while said treadbase is at the collapsed position.

2. The treadmill as defined in claim 1, wherein said retractable member is a
5 pneumatic/hydraulic damper.

3. The treadmill as defined in claim 1, wherein said sleeve comprises a first tube and a second tube, said second tube defining an insert end for coaxially inserted into said first tube and a second pivot end for pivotably mounted to said treadbase
10 together coaxially with said bar.

4. The treadmill as defined in claim 3, wherein said first tube comprises a tubular member, a tongue spring socket protruded from an outer periphery of said tubular member, two pivot seats protruded respectively from two symmetrical sides of
15 the outer periphery of said tubular member, and the stop slot positioned on said tubular member; wherein said tongue spring socket and said stop slot are positioned at the same side of the outer periphery of said tubular member, and said two pivot seats are respectively positioned at two lateral sides of said tongue spring socket, said tongue spring socket having an insert slot; wherein said locking member comprises a main
20 body, said stop lug extending downwards from an end of said main body, and two triangular pivot lugs extending downwards from bilateral edges of said main body, said two pivot lugs being pivotably mounted to said two pivot seats by means of two pivot bolts to enable said locking member to pivot above said first tube between a position where said stop lug is inserted into said stop slot and a position where said stop lug
25 disengages from said stop slot; wherein said biasing member is a tongue spring and has

an end inserted into said inert hole of said tongue spring socket and the other end engaging against a corresponding side of said main body.

5 5. The treadmill as defined in claim 4, wherein said first tube further comprises
a junction mount protruded from said tubular member; said locking member further
comprises an actuating portion extending upwards from said main body; said treadmill
further comprises a switch and a draw cord, said switch being fixedly mounted on said
base and having a switch body and a control draw link pivotably mounted on said
switch body, said draw cord having a cord sleeve and a cord body inserted into said cord
10 sleeve and extending out of two ends of said sleeve respectively at two ends thereof,
said cord sleeve having two ends respectively connected with said switch body and said
junction mount, said cord body being connected with said control draw link and said
actuating portion.

15 6. The treadmill as defined in claim 3, wherein said first tube comprises a
tubular member, a junction mount protruded from said tubular member, two pivot seats
protruded respectively from two symmetrical sides of the outer periphery of said tubular
member, and the stop slot positioned on said tubular member; said locking member
comprises a main body, said stop lug extending downwards from an end of said main
20 body, an actuating portion extending upwards from the other end of said main body, and
two triangular pivot lugs extending downwards from bilateral edges of said main body,
said two pivot lugs being pivotably mounted to said two pivot seats by means of two
pivot bolts to enable said locking member to pivot above said first tube between a
position where said stop lug is inserted into said stop slot and a position where said stop
25 lug disengages from said stop slot; said treadmill further comprises a switch and a draw

cord, said switch being mounted on said base and having a switch body and a control draw link pivotably mounted on said switch body, said draw cord having a cord sleeve and a cord body inserted into said cord sleeve and extending out of two ends of said sleeve respectively at two ends thereof, said cord sleeve having two ends respectively
5 connected with said switch body and said junction mount, said cord body being connected with said control draw link and said actuating portion; said biasing member is a compression spring, fitted onto said cord body, and positioned between said junction mount and said actuating portion of said locking member.

10 7. The treadmill as defined in claim 1, wherein said sleeve comprises a tubular member, a tongue spring socket protruded from an outer periphery of said tubular member, two pivot seats protruded respectively from two symmetrical sides of the outer periphery of said tubular member, and the stop slot positioned on said tubular member; wherein said tongue spring socket and said stop slot are positioned at the same side of
15 the outer periphery of said tubular member, and said two pivot seats are respectively positioned at two lateral sides of said tongue spring socket, said tongue spring socket having an insert slot; said locking member comprises a main body, said stop lug extending downwards from an end of said main body, and two triangular pivot lugs extending downwards from bilateral edges of said main body, said two pivot lugs being
20 pivotably mounted to said two pivot seats by means of two pivot bolts to enable said locking member to pivot above said sleeve between a position where said stop lug is inserted into said stop slot and a position where said stop lug disengages from said stop slot; said biasing member is a tongue spring and has an end inserted into said inert hole of said tongue spring socket and the other end engaging against a corresponding side of
25 said main body.

8. The treadmill as defined in claim 7, wherein said sleeve further comprises a junction mount protruded from said tubular member; said locking member further comprises an actuating portion extending upwards from said main body; said treadmill further comprises a switch and a draw cord, said switch being fixedly mounted on said base and having a switch body and a control draw link pivotably mounted on said switch body, said draw cord having a cord sleeve and a cord body inserted into said cord sleeve and extending out of two ends of said sleeve respectively at two ends thereof, said cord sleeve having two ends respectively connected with said switch body and said junction mount, said cord body being connected with said control draw link and said actuating portion.

9. The treadmill as defined in claim 1, wherein said sleeve comprises a tubular member, a junction mount protruded from said tubular member, two pivot seats protruded respectively from two symmetrical sides of the outer periphery of said tubular member, and the stop slot positioned on said tubular member; said locking member comprises a main body, said stop lug extending downwards from an end of said main body, an actuating portion extending upwards from the other end of said main body, and two triangular pivot lugs extending downwards from bilateral edges of said main body, said two pivot lugs being pivotably mounted to said two pivot seats by means of two pivot bolts to enable said locking member to pivot above said sleeve between a position where said stop lug is inserted into said stop slot and a position where said stop lug disengages from said stop slot; said treadmill further comprises a switch and a draw cord, said switch being mounted on said base and having a switch body and a control draw link pivotably mounted on said switch body, said draw cord having a cord sleeve

and a cord body inserted into said cord sleeve and extending out of two ends of said sleeve respectively at two ends thereof, said cord sleeve having two ends respectively connected with said switch body and said junction mount, said cord body being connected with said control draw link and said actuating portion; said biasing member is
5 a compression spring, fitted onto said cord body, and positioned between said junction mount and said actuating portion of said locking member.

10 10. The treadmill as defined in claim 1, wherein the length of said sleeve is larger than total amount of displacement that said bar of said retractable member reciprocates.